

Title (en)

APPARATUS FOR DETERMINING A PARAMETER OF A MOVING OBJECT

Title (de)

VORRICHTUNG ZUM BESTIMMEN EINES PARAMETERS EINES BEWEGTEN OBJEKTS

Title (fr)

APPAREIL PERMETTANT DE DÉTERMINER UN PARAMÈTRE D'UN OBJET MOBILE

Publication

**EP 2220618 B1 20190109 (EN)**

Application

**EP 08850671 A 20081104**

Priority

- IB 2008054573 W 20081104
- EP 07120487 A 20071112
- EP 08850671 A 20081104

Abstract (en)

[origin: WO2009063352A1] The present invention relates to an apparatus for determining a parameter of a moving object, wherein the apparatus comprises an adaptive model providing unit (12) for providing an adaptive model of the object. The user can define the region of the adaptive model by a user interface (13). The apparatus further comprises an image data set providing unit (14) for providing a spatially and temporally dependent image data set of the moving object and an adaptation unit (15) for adapting at least a defined region of the adaptive model to the spatially and temporally dependent image data set for determining a spatially and temporally dependence of the defined region. The parameter of the moving object is determined depending on the spatially and temporally dependence of the defined region by a parameter determining unit (16).

IPC 8 full level

**G06T 7/246** (2017.01)

CPC (source: EP US)

**G06T 7/246** (2016.12 - EP US); **G06T 7/251** (2016.12 - EP US); **G06T 2207/10076** (2013.01 - EP US); **G06T 2207/10081** (2013.01 - EP US); **G06T 2207/20004** (2013.01 - EP US); **G06T 2207/20092** (2013.01 - EP US); **G06T 2207/30048** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2009063352 A1 20090522**; CN 101855652 A 20101006; CN 101855652 B 20130424; EP 2220618 A1 20100825; EP 2220618 B1 20190109; JP 2011504758 A 20110217; JP 5924864 B2 20160525; US 2010266182 A1 20101021

DOCDB simple family (application)

**IB 2008054573 W 20081104**; CN 200880115531 A 20081104; EP 08850671 A 20081104; JP 2010532692 A 20081104; US 74139708 A 20081104